

USSN: 10/059,429

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Docket No.: DE 010029

Amendments to the Claims

A listing of the entire set of pending claims (including amendments to the claims) is submitted herewith pursuant to 37 CFR 1.121. The listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently Amended) A plasma picture screen provided with a phosphor layer (9) which comprises a phosphor which is intrinsically pigmented.
2. (Currently Amended) A plasma picture screen as claimed in claim 1, characterized ~~in that the phosphor is intrinsically pigmented in that~~ wherein the host lattice of the phosphor comprises an ion which has absorption bands within the host lattice in the wavelength range of the emission of the phosphor.
3. (Currently Amended) A plasma picture screen as claimed in claim 1, characterized ~~in that~~ wherein the phosphor has the composition $(\text{Ba}_{1-x-y}\text{Sr}_x)(\text{Mg}_{1-z}\text{Co}_z)_o\text{Al}_p\text{O}_q\cdot\text{Eu}_y$ with $0 \leq x < 1$, $0.01 \leq y \leq 0.40$, $0 \leq z < 1$, and with $o =$ chosen from the groups 1 and 3, $p =$ chosen from the groups 10 and 14, and $q =$ chosen from the groups 17 and 23.
4. (Original) A luminous screen provided with a phosphor layer which comprises a phosphor which is intrinsically pigmented.
5. (Original) A phosphor preparation comprising a phosphor which is intrinsically pigmented.
6. (Currently Amended) A phosphor with the composition $(\text{Ba}_{1-x-y}\text{Sr}_x)(\text{Mg}_{1-z}\text{Co}_z)_o\text{Al}_p\text{O}_q\cdot\text{Eu}_y$ with $0 \leq x < 1$, $0.01 \leq y \leq 0.40$, $0 \leq z < 1$, and with $o =$ chosen from the groups 1 and 3, $p =$ chosen from the groups 10 and 14, and $q =$ chosen from the groups 17 and 23.
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